



1763 #7

PATENT

RECEIVED
MAY 29 2002
TC 1700

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Assistant Commissioner for Patents,
Washington, D.C. 20231 on March 15, 2002

William R. Allen

William R. Allen, Ph.D., Reg. No. 48,389

15 March 2002

Date

Applicants: Louis A. Rigali et al.
Serial No: 09/829,305
Filed: April 9, 2001
Group Art Unit: 1763
Examiner: Unknown
Title: HIGH THROUGHPUT PLASMA TREATMENT SYSTEM
Atty Docket: NOR-953B

Cincinnati, Ohio 45202

March 15, 2002

Assistant Commissioner for Patents
Washington, DC 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of candor and good faith imposed by 37 C.F.R. §1.56, and means of complying therewith according to 37 C.F.R. §§1.97 and 1.98, the references listed on the attached Form PTO-1449 are called to the attention of the United States Patent and Trademark Office in connection with the above-identified patent application. Copies of the cited references are enclosed herewith and Applicants request that the Examiner

consider the cited references and make an independent evaluation of their materiality.

It is submitted that none of the cited references of record or now cited, either alone or in combination, disclose or render obvious that subject matter claimed in the present application.

Applicants do not believe that any fees are due in connection with this response. However, if such petition is due or any other fees are necessary, the Commissioner may consider this to be a request for such and charge any necessary fees to deposit account 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

BY William R. Allen
William R. Allen, Ph.D.
Reg. No. 36,330

2700 Carew Tower
Cincinnati, OH 45202
(513) 241-2324

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR/953B		SERIAL NO. 09/829 305	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Louis A. Rigali et al.		<div style="transform: rotate(-45deg); font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="transform: rotate(-45deg); font-weight: bold; font-size: 1.2em;">MAY 29 2002</div> <div style="transform: rotate(-45deg); font-weight: bold; font-size: 1.2em;">TC 1700</div>	
(37 CFR 1.98(b))				FILING DATE April 9, 2001			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	3 2 9 4 6 7 0	12/27/66	Charschan et al.	204	298	10/7/63
	A.B	3 6 4 1 9 7 3	2/15/72	Shrader	118	49	11/25/70
	A.C	4 2 7 8 5 2 8	7/14/81	Kuehnle et al.	204	298	10/9/79
	A.D	4 3 3 6 4 3 8	6/22/82	Uehara et al.	219	121PG	9/16/80
	A.E	4 4 1 8 6 3 9	12/6/83	Wills et al.	118	50	5/19/81
	A.F	4 5 5 0 2 3 9	10/29/85	Uehara et al.	219	121PG	9/27/82
	A.G	4 7 7 0 1 2 1	9/13/88	Ebata et al.	118	686	2/3/87
	A.H	4 8 1 6 6 3 8	3/28/89	Ukai et al.	219	121.43	10/20/87
	A.I	4 8 4 0 7 0 2	6/20/89	Schumacher, III	156	643	12/29/87
	A.J	5 0 3 0 0 5 6	7/9/91	Kitayama et al.	414	749	7/23/90
	A.K	5 0 8 6 7 2 9	2/11/92	Katagiri	118	729	6/13/89
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	DE 3935002	4/1991	Germany			Abstract Only
	A.M	59-164696	9/1984	Japan			Abstract Only
	A.N	04-123430	4/1992	Japan			Abstract Only
	A.O	03-023137	1/1991	Japan			Abstract Only
	A.P	04-311044	11/1992	Japan			Abstract Only
	A.Q	03-159143	7-1991	Japan			Abstract Only
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	A.R	Materials Research Corporation, <u>1.12 Inline production magnetron sputtering</u> , Journal Article, 3 pages					
	A.S	Von Dr.-Ing M. Nowotnick, Fraunhofer-Einrichtung fur Zuverlassigkeit und Mikrointegration (IZM), Berlin, <u>Plasmabehandlung als umweltfreundliche Alternative in der Leiterplattenfertigung</u> , Galvanotechnik D-88348 Saulgau 86 (1995) Nr. 4; Journal Article, 6 pages					
	A.T						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.							

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR/953BSERIAL NO.
09/829,305INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Louis A. Rigali et al.FILING DATE
April 9, 2001GROUP
1763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B.A	5	2	1	6	2	2	3	6/1/93	Straemke	219	121.43	2/25/91
	B.B	5	3	4	5	0	5	6	9/6/94	Frei et al.	219	121.59	12/12/91
	B.C	5	4	3	3	3	7	1	7/18/95	Morisako	228	180.5	10/13/93
	B.D	5	4	8	0	0	5	2	1/2/96	Furr et al.	216	71	10/22/93
	B.E	5	4	9	2	2	6	5	2/20/96	Wandke	228	205	12/20/94
	B.F	5	5	4	2	5	5	9	8/6/96	Kawakami et al.	216	67	2/14/94
	B.G	5	5	7	6	6	2	9	11/19/96	Turner et al.	324	709	10/24/94
	B.H	5	6	0	9	2	9	0	3/11/97	Bobbio et al.	228	206	4/20/95
	B.I	5	6	3	4	7	6	5	6/3/97	Miyoshi	414	786	6/7/95
	B.J	5	7	0	7	4	8	5	1/13/98	Rolfson et al.	156	643.1	12/20/95
	B.K	5	9	7	2	1	6	3	10/26/99	Haji	156	345	2/6/98

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	B.R	
	B.S	
	B.T	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.
Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR/953BSERIAL NO.
09/829,305INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Louis A. Rigali et al.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE
April 9, 2001GROUP
1763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C.A	6	3	3	1	3	4	7	12/18/01	Haji	428	209	4/1/98
	C.B												
	C.C												
	C.D												
	C.E												
	C.F												
	C.G												
	C.H												
	C.I												
	C.J												
	C.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	C.L						
	C.M						
	C.N						
	C.O						
	C.P						
	C.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	C.R	
	C.S	
	C.T	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.
Include a copy of this form with next communication to applicant.